

Species Tag:	36001	Species Name:	HCl
Version:	2		Hydrochloric acid
Date:	Jan. 1989		
Contributor:	H. M. Pickett		

Lines Listed:	137	Q(300.0)=	83.387
Freq. (GHz) <	9760	Q(225.0)=	63.358
Max. J:	18	Q(150.0)=	43.341
LOGSTR0=	-8.2	Q(75.00)=	23.372
LOGSTR1=	-11.3	Q(37.50)=	13.437
Isotope Corr.:	-0.122	Q(18.75)=	8.584
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	6.488
μ_a =	1.109	A=	
μ_b =		B=	312989.3
μ_c =		C=	

The experimental measurements were reported by I. G. Nolt *et al.*, 1987, J. Mol. Spect. **125**, 274. The dipole moment was measured by F. H. De Leeuw and A. Dymanus, 1971, 26th Symposium on Molecular Spectroscopy, Columbus, Ohio.